

HISTORIC AMERICAN ENGINEERING RECORD

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Upper Mississippi River Nine-foot Channel Project,
Lock and Dam No. 27
Granite City
Madison County, Illinois
St. Louis County, Missouri

HAER No. IL-33

NOTE: Photographs were taken by John Pendlebury, photographer, October 1989

- IL-33-1 VIEW OF LOCKS, LOOKING NORTHEAST
Photocopy of photograph, ca. 1980, courtesy of U. S. Engineer Office, St. Louis, Missouri.
Original print is on file at Mississippi River Lock and Dam No. 27 in Granite City, Illinois.
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The following are photocopies of photographs, courtesy of U. S. Engineer Office, St. Louis, Missouri. Original prints are on file at Mississippi River Lock and Dam No. 27 in Granite City, Illinois:

- IL-33-52 VIEW OF COFFER DAM FROM C/L OF SOUTH PLUG, LOOKING NORTH
Photograph No. 12708. July 16, 1948
- IL-33-53 VIEW OF ROCK FOUNDATIONS AIR CLEANED FOR MONOLITHS 17-22,
INTERMEDIATE WALL, LOOKING NORTH
Photograph No. 12840. September 10, 1948
- IL-33-54 VIEW OF COFFER DAM FROM C/L OF NORTH PLUG, LOOKING SOUTH
Photograph No. 12919. September 23, 1948
- IL-33-55 VIEW OF CONCRETE HEADING PLANT
Photograph No. 14089. November 5, 1948
- IL-33-56 VIEW OF FORMS IN PLACE. C-LIFT 10-1
Photograph No. 14027. November 8, 1948

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- IL-33-57 VIEW SHOWING COLD WEATHER PROTECTION, LOOKING NORTHWEST
Photograph No. 14145. November 24, 1948
- IL-33-58 VIEW FROM NORTH END, LOOKING SOUTH
Photograph No. 14429. April 20, 1949
- IL-33-59 VIEW FROM SOUTHEAST CORNER OF COFFER DAM, LOOKING NORTH
Photograph No. 14495. June 1, 1949
- IL-33-60 OBLIQUE AERIAL VIEW, LOOKING WEST
Photograph No. 14574. July 28, 1949
- IL-33-61 VIEW OF MAIN LOCK, LOOKING NORTH FROM SOUTH COFFERDAM
Photograph No. 8483. October 12, 1949
- IL-33-62 VIEW SHOWING INSTALLATION TAINTER VALVE MACHINERY MONOLITH NO.
32-1, LOOKING WEST
Photograph No. 8571. October 24, 1949
- IL-33-63 VIEW OF LIFT GATE MONOLITH NO. 4-1, LOOKING NORTHWEST
Photograph No. 8670. November 16, 1949
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Photograph No. 9096. February 9, 1950
- IL-33-65 VIEW OF TAINTER VALVE FOR MONOLITH NUMBER 5-E WELDED OUTSIDE
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Photograph No. 9311. March 28, 1950
- IL-33-66 VIEW LOOKING NORTH FROM SOUTH PLUG MAIN LOCK
Photograph No. 9407. April 18, 1950
- IL-33-67 VIEW OF LIFT GATE SECTION AUXILIARY LOCK, LOOKING UPSTREAM
Photograph No. 9802. June 25, 1950
- IL-33-68 VIEW OF MITER GATE AND MAIN LOCK CHAMBER, LOOKING UPSTREAM
Photograph No. 9839. June 29, 1950
- IL-33-69 VIEW OF UPPER WEST WALL CONTROL HOUSE, LOOKING NORTH
Photograph No. 50-230. October 3, 1950
- IL-33-70 VIEW OF INTAKES AUXILIARY LOCK UPPER SILL
Photograph No. 50-234. October 3, 1950

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- IL-33-71 VIEW OF UPPER END OF LOCKS, LOOKING SOUTHWEST FROM NORTH PLUG
Photograph No. 50-309. October 20, 1950
- IL-33-72 VIEW OF UPSTREAM SIDE OF THE MAIN LOCK MITER GATE IN A CLOSED
POSITION, SHOWING THE FIT OF CONTACT BLOCKS
Photograph No. 50-398. November 28, 1950
- IL-33-73 VIEW LOOKING UPSTREAM FROM SOUTH PLUG
Photograph No. 51-181. March 6, 1951

The following are photocopies of original construction drawings dated April 1947. Original prints are in the possession of the U.S. Army Corps of Engineers, St. Louis, Missouri:

- IL-33-74 LOCKS -- INDEX VOLUME I
M-L 27 0/1. Lock and Dam No. 27
- IL-33-75 LOCKS -- INDEX VOLUME II
M-L 27 0/1A. Lock and Dam No. 27
- IL-33-76 LOCKS -- GENERAL PLAN -- ELEVATIONS AND SECTIONS
M-L 27 20/1A. Lock and Dam No. 27
- IL-33-77 LOCKS -- LOCK WALL SECTIONS
M-L 27 20/19. Lock and Dam No. 27
- IL-33-78 LOCKS -- CULVERT TAINTER VALVE CHAMBERS -- EAST AND INTERMEDIATE
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M-L 27 20/33. Lock and Dam No. 27
- IL-33-79 LOCKS -- INTAKE AND UPPER SILL -- MAIN LOCK
M-L 27 20/51. Lock and Dam No. 27
- IL-33-80 LOCKS -- MITER GATE -- MAIN LOCK - GENERAL DRAWING
M-L 27 21/1. Lock and Dam No. 27
- IL-33-81 LOCKS -- LIFT GATE - BOTH LEAVES - GENERAL ASSEMBLY
M-L 27 21/31. Lock and Dam No. 27
- IL-33-82 LOCKS -- MITER GATE MACHINERY -- GENERAL ARRANGEMENT
M-L 27 22/1. Lock and Dam No. 27
- IL-33-83 LOCKS -- LIFT GATE MACHINERY -- GENERAL ARRANGEMENT
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- IL-33-84 LOCKS -- CULVERT TAINTER VALVE -- GENERAL ARRANGEMENT
M-L 27 25/1. Lock and Dam No. 27

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M-L 27 26/1, Lock and Dam No. 27
- IL-33-86 LOCKS -- LOCK BULKHEAD HANDLING EQUIPMENT -- GENERAL
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M-L 27 35/1, Lock and Dam No. 27
- IL-33-87 LOCKS -- BUILDINGS -- KEY PLAN
M-L 27 70/0, Lock and Dam No. 27
- IL-33-88 LOCKS -- CONTROL HOUSE -- UPPER EAST WALL FLOOR PLAN
M-L 27 70/1, Lock and Dam No. 27
- IL-33-89 LOCKS -- CONTROL HOUSE -- UPPER EAST WALL -- SECTIONS
M-L 27 70/3, Lock and Dam No. 27
- IL-33-90 LOCKS -- CONTROL HOUSE -- UPPER EAST WALL -- SECTIONS
M-L 27 70/4, Lock and Dam No. 27
- IL-33-91 LOCKS -- CONTROL HOUSE & CRANE MACHINERY HOUSE -- UPPER WEST
WALL-- PLANS, ELEVATIONS, SECTIONS & VENT PLAN
M-L 27 70/19, Lock and Dam No. 27
- IL-33-92 PLAN AND PROFILE
M-L 27 15/1, Lock and Dam No. 27